

TABLE 75. Preliminary federal obligations for applied research performed at universities and colleges, by selected agency and field of science and engineering: FY 2011

(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies surveyed	10,568,747	177,819	7,875,848	243,092	262,766	550,164	161,853	339,807	957,399
Departments									
Department of Agriculture	550,101	8,607	445,421	966	31,583	0	40,388	0	23,136
Agricultural Research Service	23,143	102	21,262	30	1,541	0	0	0	208
Economic Research Service	4,658	0	0	0	0	0	4,658	0	0
Foreign Agricultural Service	69	0	69	0	0	0	0	0	0
Forest Service	26,058	4,385	14,980	616	229	0	4,677	0	1,171
National Agricultural Statistics Service	320	0	0	320	0	0	0	0	0
National Institute of Food and Agriculture	495,552	4,120	409,110	0	29,813	0	30,753	0	21,756
Rural Business-Cooperative Service	300	0	0	0	0	0	300	0	0
Department of Defense	538,146	19,707	99,275	55,320	54,522	3,260	2,846	1,227	301,990
Defense agencies and activities	261,559	3,490	72,770	47,001	34,679	2,402	2,846	1,227	97,145
Chemical and Biological Defense	8,275	0	3,575	0	4,600	0	0	100	0
Defense Advanced Research Projects Agency	214,236	1,983	67,688	41,031	14,276	0	0	0	89,259
Defense Threat Reduction Agency	18,336	0	0	69	14,296	0	0	877	3,094
Office of the Secretary of Defense	20,713	1,507	1,507	5,901	1,507	2,402	2,846	250	4,792
Department of the Air Force	77,074	4,184	0	1,557	8,977	0	0	0	62,356
Department of the Army	82,395	2,114	21,590	4,252	10,171	858	0	0	43,410
Department of the Navy	117,118	9,919	4,915	2,510	695	0	0	0	99,079
Department of Energy	190,844	6,848	0	0	68,467	0	0	51,875	63,654
Electricity Delivery and Energy Reliability	4,668	0	0	0	0	0	0	0	4,668
Energy Efficiency and Renewable Energy	52,418	0	0	0	0	0	0	0	52,418
Environmental Management	399	399	0	0	0	0	0	0	0
Fossil Energy	18,385	6,449	0	0	5,368	0	0	0	6,568
National Nuclear Security Administration	63,234	0	0	0	63,099	0	0	135	0
Defense Programs	62,477	0	0	0	62,477	0	0	0	0
Nonproliferation and Verification	757	0	0	0	622	0	0	135	0
Nuclear Energy	51,740	0	0	0	0	0	0	51,740	0
Department of Health and Human Services	8,844,345	116,900	7,319,542	51,065	90,006	545,671	95,076	278,578	347,508
Administration for Children and Families	12,579	0	0	0	0	0	12,579	0	0
Agency for Healthcare Research and Quality	165,390	0	114,373	7,089	0	4,666	22,125	16,205	932
Agency for Toxic Substances and Disease Registry	200	200	0	0	0	0	0	0	0
Ctrs. for Disease Control and Prevention	45,540	16,157	13,985	0	0	0	1,671	13,728	0
Ctrs. for Medicare and Medicaid Services	1,934	0	1,934	0	0	0	0	0	0
Food and Drug Administration	9,144	0	9,144	0	0	0	0	0	0
Health Resources and Services Administration	14,197	0	14,197	0	0	0	0	0	0
National Institutes of Health	8,591,863	100,544	7,165,910	43,976	90,006	541,004	55,202	248,645	346,576
Office of the Secretary	3,500	0	0	0	0	0	3,500	0	0
Office of the Assistant Secretary, Planning and Evaluation	3,500	0	0	0	0	0	3,500	0	0

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Agency	Total	Environmental sciences	Life sciences	Mathematics	Physical sciences	Psychology	Social sciences	Other	Engineering
				and computer sciences				sciences, nec	
Department of Homeland Security	19,203	1,643	2,322	2,886	2,648	0	1,937	1,286	6,480
Science and Technology Directorate	19,203	1,643	2,322	2,886	2,648	0	1,937	1,286	6,480
Other agencies									
National Aeronautics and Space Administration	98,902	15,233	7,458	2,715	9,627	655	0	628	62,585
National Science Foundation	327,206	8,880	1,831	130,140	5,912	579	21,605	6,213	152,047

nec = not elsewhere classified.

NOTES: Seven agencies are required to report data for this section of survey: Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; National Aeronautics and Space Administration; and National Science Foundation. Applied research obligations of these seven agencies represented over 95% of total federal applied research obligations to universities and colleges in FY 2011. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2009–11.